

PATENT

Serial No. 10/511,514

Amendment in Reply to Office Action mailed on August 4, 2009

IN THE ABSTRACT

Please delete the current Abstract in its entirety and
substitute therefor the enclosed New Abstract.

NEW ABSTRACT

A processing method and apparatus for processing an information is based on a sequence of instructions, where a repeated sub-sequence is detected in the sequence of instructions and an allocation between a processing resource and the repeated sub-sequence is determined based on an index information indicating the repetition frequency of the repeated sub-sequence. Thus, a combination of a scalable signal processor with automatic task distribution is provided, where the number of memory accesses can be reduced, as the repeated sub-sequence can be allocated to external processing units, which are correspondingly programmed or which use their embedded memory.